



**DEPARTMENT OF TRANSPORTATION****Federal Aviation Administration****14 CFR Part 39**

[Docket No. 95-NM-42-AD]

**Airworthiness Directives; Raytheon Corporate Jets Model Hawker 1000 and BAe 125-1000A Series Airplanes****AGENCY:** Federal Aviation Administration, DOT.**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** This document proposes the adoption of a new airworthiness directive (AD) that is applicable to certain Raytheon Model Hawker 1000 and BAe 125-1000A series airplanes. This proposal would require an inspection to detect damage to an electrical cable loom (wire bundle). This proposal would also require tying back the loom with a cable tie to the cable loom support bracket, and repair, if necessary. This proposal is prompted by a report indicating that damage had occurred to the electrical cable loom. The actions specified by the proposed AD are intended to prevent incorrect fault displays in the cockpit and possible electrical systems failures, as a result of damage to the electrical cable loom.

**DATES:** Comments must be received by August 31, 1995.

**ADDRESSES:** Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM-103, Attention: Rules Docket No. 95-NM-42-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056. Comments may be inspected at this location between 9:00 a.m. and 3:00 p.m., Monday through Friday, except Federal holidays.

The service information referenced in the proposed rule may be obtained from Raytheon Corporate Jets, Inc., Customer Support Department, Adams Field, P.O. Box 3356, Little Rock, Arkansas 72203. This information may be examined at the FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington.

**FOR FURTHER INFORMATION CONTACT:** William Schroeder, Aerospace Engineer, Standardization Branch, ANM-113, FAA, Transport Airplane Directorate, 1601 Lind Avenue, SW., Renton, Washington 98055-4056; telephone (206) 227-2148; fax (206) 227-1149.

**SUPPLEMENTARY INFORMATION:****Comments Invited**

Interested persons are invited to participate in the making of the proposed rule by submitting such written data, views, or arguments as they may desire. Communications shall identify the Rules Docket number and be submitted in triplicate to the address specified above. All communications received on or before the closing date for comments, specified above, will be considered before taking action on the proposed rule. The proposals contained in this notice may be changed in light of the comments received.

Comments are specifically invited on the overall regulatory, economic, environmental, and energy aspects of the proposed rule. All comments submitted will be available, both before and after the closing date for comments, in the Rules Docket for examination by interested persons. A report summarizing each FAA-public contact concerned with the substance of this proposal will be filed in the Rules Docket.

Commenters wishing the FAA to acknowledge receipt of their comments submitted in response to this notice must submit a self-addressed, stamped postcard on which the following statement is made: "Comments to Docket Number 95-NM-42-AD." The postcard will be date stamped and returned to the commenter.

**Availability of NPRMs**

Any person may obtain a copy of this NPRM by submitting a request to the FAA, Transport Airplane Directorate, ANM-103, Attention: Rules Docket No. 95-NM-52-AD, 1601 Lind Avenue, SW., Renton, Washington 98055-4056.

**Discussion**

The Civil Aviation Authority (CAA), which is the airworthiness authority for the United Kingdom, recently notified the FAA that an unsafe condition may exist on certain Raytheon Model Hawker 1000 and BAe 125-1000A series airplanes. The CAA advises that it has received a report of chafing damage to a certain electrical cable loom (wire bundle) behind the right-hand throttle box cover. Investigation has revealed that the chafing damage was caused by the flap selector spring strut when it was moved to the "lift dump" position. This condition, if not corrected, could result in incorrect fault displays in the cockpit and possible failure of the electrical systems.

Raytheon has issued Service Bulletin SB 24-313, dated December 19, 1994, which describes procedures for a one-

time detailed visual inspection to detect chafing damage of the electrical cable loom located behind the right-hand throttle box cover. The service bulletin also describes verifying that the arrangement of the cable loom is correct, and provides procedures for tying back the loom with a cable tie to the cable loom support bracket, if no damaged cable is found. The CAA classified this service bulletin as mandatory in order to assure the continued airworthiness of these airplanes in the United Kingdom.

This airplane model is manufactured in the United Kingdom and is type certificated for operation in the United States under the provisions of section 21.29 of the Federal Aviation Regulations (14 CFR 21.29) and the applicable bilateral airworthiness agreement. Pursuant to this bilateral airworthiness agreement, the CAA has kept the FAA informed of the situation described above. The FAA has examined the findings of the CAA, reviewed all available information, and determined that AD action is necessary for products of this type design that are certificated for operation in the United States.

Since an unsafe condition has been identified that is likely to exist or develop on other airplanes of the same type design registered in the United States, the proposed AD would require a one-time detailed visual inspection to detect chafing damage of a certain electrical cable loom located behind the right-hand throttle box cover. The proposed AD would also require tying back the loom with a cable tie to the cable loom support bracket, if no damaged cable is found. The actions would be required to be accomplished in accordance with the service bulletin described previously. If any cable loom is damaged, the repair actions would be required to be accomplished in accordance with a method approved by the FAA.

As a result of recent communications with the Air Transport Association (ATA) of America, the FAA has learned that, in general, some operators may misunderstand the legal effect of AD's on airplanes that are identified in the applicability provision of the AD, but that have been altered or repaired in the area addressed by the AD. The FAA points out that all airplanes identified in the applicability provision of an AD are legally subject to the AD. If an airplane has been altered or repaired in the affected area in such a way as to affect compliance with the AD, the owner or operator is required to obtain FAA approval for an alternative method of compliance with the AD, in accordance with the paragraph of each AD that

provides for such approvals. A note has been included in this notice to clarify this long-standing requirement.

The FAA estimates that 19 airplanes of U.S. registry would be affected by this proposed AD, that it would take approximately 1 work hour per airplane to accomplish the proposed actions, and that the average labor rate is \$60 per work hour. Based on these figures, the total cost impact of the proposed AD on U.S. operators is estimated to be \$1,140, or \$60 per airplane.

The total cost impact figure discussed above is based on assumptions that no operator has yet accomplished any of the proposed requirements of this AD action, and that no operator would accomplish those actions in the future if this AD were not adopted.

The regulations proposed herein would not have substantial direct effects on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government. Therefore, in accordance with Executive Order 12612, it is determined that this proposal would not have sufficient federalism implications to warrant the preparation of a Federalism Assessment.

For the reasons discussed above, I certify that this proposed regulation (1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under the DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and (3) if promulgated, will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act. A copy of the draft regulatory evaluation prepared for this action is contained in the Rules Docket. A copy of it may be obtained by contacting the Rules Docket at the location provided under the caption ADDRESSES.

#### List of Subjects in 14 CFR Part 39

Air transportation, Aircraft, Aviation safety, Safety.

#### The Proposed Amendment

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration proposes to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

#### PART 39—AIRWORTHINESS DIRECTIVES

1. The authority citation for part 39 continues to read as follows:

**Authority:** 49 U.S.C. App. 1354(a), 1421 and 1423; 49 U.S.C. 106(g); and 14 CFR 11.89.

#### § 39.13 [Amended]

2. Section 39.13 is amended by adding the following new airworthiness directive:

**Raytheon Corporate Jets, Inc.** (Formerly de Havilland; Hawker Siddeley; British Aerospace, plc): Docket 95-NM-42-AD.

**Applicability:** Model Hawker 1000 and BAe 125-1000A series airplanes; as listed in Raytheon Service Bulletin SB 24-313, dated December 19, 1994; certificated in any category.

**Note 1:** This AD applies to each airplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For airplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must use the authority provided in paragraph (b) of this AD to request approval from the FAA. This approval may address either no action, if the current configuration eliminates the unsafe condition; or different actions necessary to address the unsafe condition described in this AD. Such a request should include an assessment of the effect of the changed configuration on the unsafe condition addressed by this AD. In no case does the presence of any modification, alteration, or repair remove any airplane from the applicability of this AD.

**Compliance:** Required as indicated, unless accomplished previously.

To prevent incorrect fault displays in the cockpit and possible electrical systems failures, accomplish the following:

(a) Within 6 months after the effective date of this AD, perform a detailed visual inspection to detect chafing damage of the electrical cable loom (wire bundle) behind the right-hand throttle box cover, and perform continuity and insulation checks and system functional tests, in accordance with Raytheon Service Bulletin SB 24-313, dated December 19, 1994.

(1) If no damage is found, prior to further flight, verify that the arrangement of the cable loom is correct and, using a cable tie, tie back the loom to the cable loom support bracket, in accordance with the service bulletin.

(2) If any damage is found, prior to further flight, repair the damaged loom, in accordance with a method approved by the Manager, Standardization Branch, ANM-113, FAA, Transport Airplane Directorate.

(b) An alternative method of compliance or adjustment of the compliance time that provides an acceptable level of safety may be used if approved by the Manager, Standardization Branch, ANM-113, FAA, Transport Airplane Directorate. Operators shall submit their requests through an appropriate FAA Principal Maintenance Inspector, who may add comments and then send it to the Manager, Standardization Branch, ANM-113.

**Note 2:** Information concerning the existence of approved alternative methods of

compliance with this AD, if any, may be obtained from the Standardization Branch, ANM-113.

(c) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the airplane to a location where the requirements of this AD can be accomplished.

Issued in Renton, Washington, on July 17, 1995.

**James V. Devany,**

*Acting Manager, Transport Airplane Directorate, Aircraft Certification Service.*  
[FR Doc. 95-18030 Filed 7-20-95; 8:45 am]

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#### 14 CFR Part 39

[Docket No. 95-NM-67-AD]

#### Airworthiness Directives; Saab Model SAAB 340B Airplanes

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** This document proposes the adoption of a new airworthiness directive (AD) that is applicable to certain Saab Model SAAB 340B airplanes. This proposal would require inspections to detect cracking of the beams located over the overwing emergency exits, and replacement of the beam with a new beam, if necessary. This proposal is prompted by a report that a batch of beams with cracking may have been installed on these airplanes. The actions specified by the proposed AD are intended to prevent cabin pressure leakage, consequent loss of cabin pressurization, and reduction of the load carrying capability of the associated structure, as a result of cracked beams.

**DATES:** Comments must be received by August 28, 1995.

**ADDRESSES:** Submit comments in triplicate to the Federal Aviation Administration (FAA), Transport Airplane Directorate, ANM-103, Attention: Rules Docket No. 95-NM-67-AD, 1601 Lind Avenue SW., Renton, Washington 98055-4056. Comments may be inspected at this location between 9 a.m. and 3 p.m., Monday through Friday, except Federal holidays.

The service information referenced in the proposed rule may be obtained from SAAB Aircraft AB, SAAB Aircraft Product Support, S-581.88, Linköping, Sweden. This information may be examined at the FAA, Transport Airplane Directorate, 1601 Lind Avenue SW., Renton, Washington.